

In the claims

1. (Currently Amended) A system for remotely displaying network configuration information for a first network that comprises at least one virtual connection, wherein the virtual connection has an endpoint associated with an identifier and wherein a network management system communicates with the first network to store the identifier, the system comprising:

~~a frame relay network comprising at least one permanent virtual connection, wherein the permanent virtual connection has an endpoint associated with a data link connection identifier (DLCI);~~

~~a network management system, in communication with the frame relay network, for storing the DLCI; and~~

a remote access module, ~~in communication~~ for communicating with the network management system over a network connection via a second network to obtain the identifier, and for remotely displaying the ~~DLCL~~ identifier over an external third network.

2. (Currently Amended) The system of claim 1, wherein the remote access module includes:

~~a client device;~~

a server device ~~in communication~~ for communicating with ~~[[the]]~~ a client device and ~~in communication~~ for communicating with the network management system; and

a network management module, ~~in communication~~ for communicating with the network management system via the server device, for displaying the ~~DLCL~~ identifier over the external third network.

3. (Original) The system of claim 2, wherein the network management module includes a web site.

4. (Currently Amended) The system of claim 3, wherein the web site includes a data link connection identifier query web page for inputting ~~a DLCI~~ an identifier query of the network management system.

5. (Currently Amended) The system of claim 4, wherein the ~~DLCI~~ identifier query includes a port name.
6. (Currently Amended) The system of claim 5, wherein the web site includes a ~~DLCI~~ an identifier search results web page for communicating the results of the ~~DLCI~~ identifier query.
7. (Currently Amended) The system of claim 6, wherein the ~~DLCI~~ identifier search results web page is configured to display source and destination configuration information for the port.
8. (Currently Amended) The system of claim 7, wherein the ~~frame-relay network~~ is a frame relay network and wherein a network topology is selected from the group consisting of full mesh, partial mesh and ring.
9. (Currently Amended) The system of claim ~~[[1]]~~ 2, wherein the network management module communicates with the network management system over a peer-to-peer network.
10. (Currently Amended) A method for provisioning a data link connection identifier in a ~~frame-relay~~ network, wherein the ~~frame-relay~~ network comprises at least one ~~permanent~~ virtual connection, and wherein the ~~permanent~~ virtual connection has an endpoint associated with a ~~data link connection~~ an identifier (DLCI), the method comprising:
  - connecting a network management system to the ~~frame-relay~~ first network, wherein the network management stores the ~~DLCI~~ identifier;
  - connecting a network management module to the network management system via a second network to obtain the identifier, wherein the network management module is capable of remotely displaying the ~~DLCI~~ identifier over an external third network;
  - querying the network management system with the network management module

over the second network;

displaying the DLCI identifier over the external third network using the network management module; and

provisioning a unique DLCI identifier for a new ~~permanent~~-virtual connection, wherein the unique DLCI identifier differs from the displayed DLCI identifier.

11. (Original) The method of claim 10, wherein connecting a network management module includes connecting the network management system using a client-server architecture.

12. (Original) The method of claim 11, wherein querying includes querying the network management system with a client device.

13. (Currently Amended) A system for provisioning ~~a data link connection~~ an identifier to be associated with an endpoint of a virtual connection in a frame-relay first network in communication with a network management system for storing the identifiers; ~~wherein the frame-relay network comprises at least one permanent virtual connection;~~ and wherein the permanent virtual connection has an endpoint associated with a data link connection identifier (DLCI), the system comprising:

~~— means for connecting a network management system to the frame-relay network, wherein the network management stores the DLCI;~~

~~— means for connecting a network management module to the network management system, wherein the network management module is capable of remotely displaying the DLCI;~~

means for querying the network management system with ~~[[the]]~~ a network management module over a second network to obtain the identifier;

means for displaying the DLCI identifier over an external third network using the network management module; and

means for provisioning a unique DLCI identifier for a new ~~permanent~~-virtual connection, wherein the unique DLCI identifier differs from the displayed DLCI identifier.

14. (Currently Amended) The system of claim 13, ~~wherein~~ further comprising means for connecting ~~[[a]] the network management module includes means for connecting the network management system~~ using a client-server architecture.

15. (Original) The system of claim 14, wherein means for querying includes means for querying the network management system with a client device.

16. (Currently Amended) A computer-readable medium having stored thereon instructions which, when executed by a processor, cause the processor to perform the steps of:

~~connecting a network management system to the frame relay network, wherein the network management stores the DLCI;~~

connecting a network management module to ~~[[the]]~~ a network management system that stores identifiers associated with endpoints of virtual connections of a first network over a second network to obtain the identifiers, wherein the network management module is capable of remotely displaying the ~~DLCI~~ identifiers over an external third network;

querying the network management system with the network management module over the second network;

displaying the ~~DLCI~~ identifiers over the external third network using the network management module; and

provisioning a unique ~~DLCI~~ identifier for a new ~~permanent~~ virtual connection, wherein the unique ~~DLCI~~ identifier differs from the displayed ~~DLCI~~ identifiers.

17. (New) The system of claim 1, wherein the network is a frame relay network and wherein the identifier is a data link connection identifier (DLCI).

18. (New) The system of claim 17, wherein the virtual connection is a virtual circuit.

19. (New) The system of claim 18, wherein the virtual circuit is a permanent virtual circuit.

20. (New) The method of claim 10, wherein the network is a frame relay network, wherein the identifier is a data link connection identifier (DLCI), and wherein the virtual connection is a virtual circuit.